



SPYWOLF

Security Audit Report



Completed on
June 18, 2022

MADE IN USA 

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OVERVIEW

This audit has been prepared for **FLYPN** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -

”





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FLYPN



PROJECT DESCRIPTION

According to whitepaper:

Flypn ecosystem aims to facilitate the way we interact with blockchain. The Play-To-Earn protocol is designed ergonomically, making the platform as user-friendly as possible.

\$FLYPN token will be powering the entire ecosystem, it will play a major role in the Play-To-Earn protocol, as well as in the FlypnVerse and its NFT Marketplace.

Future developments of the project - FLYPN Wallet, FlypnVerse and NFTs, NFT Marketplace.

Release Date: Presale starts on July 18, 2021

Category: Play to earn (P2E)

01



CONTRACT INFO

Token Name
FLYPN Ecosystem

Symbol
FLYPN

Contract Address
0xb8a6d9f82A0Ad3ffe692DEaCEBd69b17E33f5020

Network
Binance Smart Chain

Language
Solidity

Deployment Date
Jne 17, 2022

Verified?
Yes

Total Supply
100,000,000

Status
Not launched

TAXES

Buy Tax
none

Sell Tax
none

*Owner cannot set any taxes



Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



CURRENT STATS

(As of June 18, 2022)



Liquidity

Not added yet



Burn

No burnt tokens

Status:
Not Launched!

MaxTxAmount
No limit

DEX:
PancakeSwap

LP Address(es)

Liquidity not added yet



TOKEN TRANSFERS STATS

| | |
|-------------------------|-----------------|
| Transfer Count | 2 |
| Uniq Senders | 2 |
| Uniq Receivers | 2 |
| Total Amount | 196480000 FLYPN |
| Median Transfer Amount | 100000000 FLYPN |
| Average Transfer Amount | 98240000 FLYPN |
| First transfer date | 2022-06-17 |
| Last transfer date | 2022-06-17 |
| Days token transferred | 1 |

SMART CONTRACT STATS

| | |
|-----------------------|--|
| Calls Count | 6 |
| External calls | 2 |
| Internal calls | 4 |
| Transactions count | 3 |
| Uniq Callers | 2 |
| Days contract called | 1 |
| Last transaction time | 2022-06-17 19:07:33 UTC |
| Created | 2022-06-17 18:56:48 UTC |
| Create TX | 0x9c8cea202535497ec893499bea8e9e512233b84acaa4612ee49270b8df9571f3 |
| Creator | 0x0b44108608289d56bbf55ad9314c9c60d62b98ab |

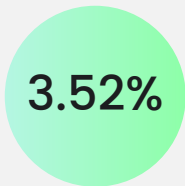


FEATURED WALLETS

| | |
|---------------|--|
| Owner address | 0x0b44108608289d56bbf55ad9314c9c60d62b98ab |
| LP address | No liquidity added yet |

TOP 3 UNLOCKED WALLETS

1



Same as owner



VULNERABILITY CHECK

| | |
|--|--------|
| Design Logic | Passed |
| Compiler warnings. | Passed |
| Private user data leaks | Passed |
| Timestamp dependence | Passed |
| Integer overflow and underflow | Passed |
| Race conditions and reentrancy. Cross-function race conditions | Passed |
| Possible delays in data delivery | Passed |
| Oracle calls | Passed |
| Front running | Passed |
| DoS with Revert | Passed |
| DoS with block gas limit | Passed |
| Methods execution permissions | Passed |
| Economy model | Passed |
| Impact of the exchange rate on the logic | Passed |
| Malicious Event log | Passed |
| Scoping and declarations | Passed |
| Uninitialized storage pointers | Passed |
| Arithmetic accuracy | Passed |
| Cross-function race conditions | Passed |
| Safe Zeppelin module | Passed |
| Fallback function security | Passed |



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



FOUND THREATS

No major threats found





RECOMMENDATIONS FOR

GOOD PRACTICES

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

FLYPN

GOOD PRACTICES FOUND

- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot stop or pause the contract
- ✓ The owner cannot set a transaction limit
- ✓ The smart contract utilizes "SafeMath" to prevent overflows

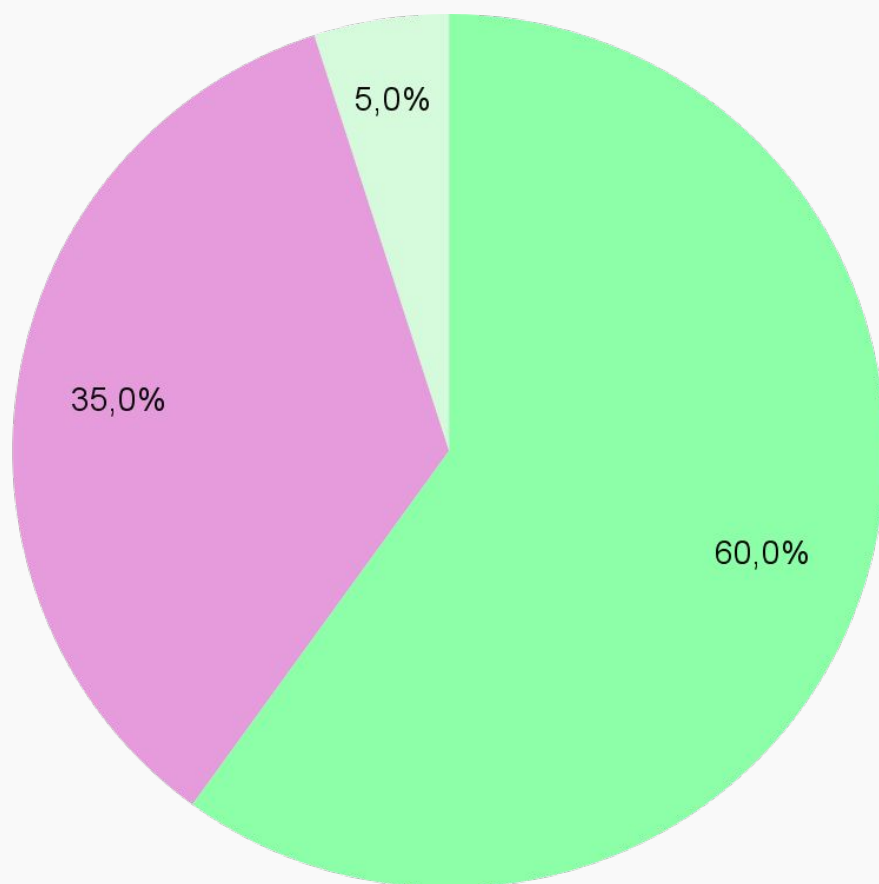


*The following tokenomics are based on the project's presale in PinkSale:

- 60% - Presale
- 35% - Liquidity
- 5% - Unlocked

Token Distribution

- Preale
- Liquidity
- Unlocked



⚠ Information provided is different compared with PinkSale's presale and whitepaper's token distribution.

For more information please check both presale's link and project's whitepaper:

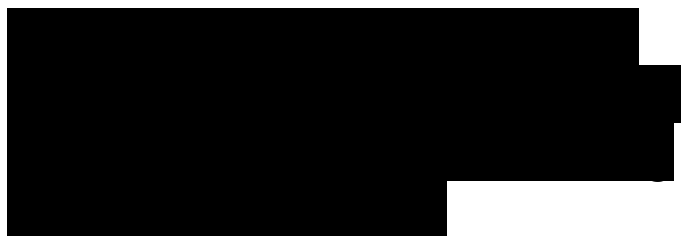
<https://www.pinksale.finance/launchpad/0x56F9531B3Cdd45358cDCd6A5A695f38F942C7d9b?chain=BSC>

<https://flypn.info/flypn.pdf>

TOKENOMICS



THE TEAM



- ID Verification
- Video statement
- Video interview with devs
- Owner's wallet verification

KYC INFORMATION

Issuer

SPYWOLF

Members



KYC Date

May 25, 2022

Format

NFT

Certificate Link



KYC
Certificate
Pending



WEBSITE

Website URL

<https://flypn.info/>

Domain Registry

whois.reg.com

Domain Expiration

Expires on 2023-06-07

Technical SEO Test

Passed

Security Test

Passed. SSL certificate present

Design

Appropriate color scheme, graphics and overall layout.

Content

The information helps new investors understand what the product does right away. No grammar errors found.

Whitepaper

Well written but a bit short

Roadmap

Yes, goals set at 3 phases without time frames.

Mobile-friendly?

Yes



flypn.info

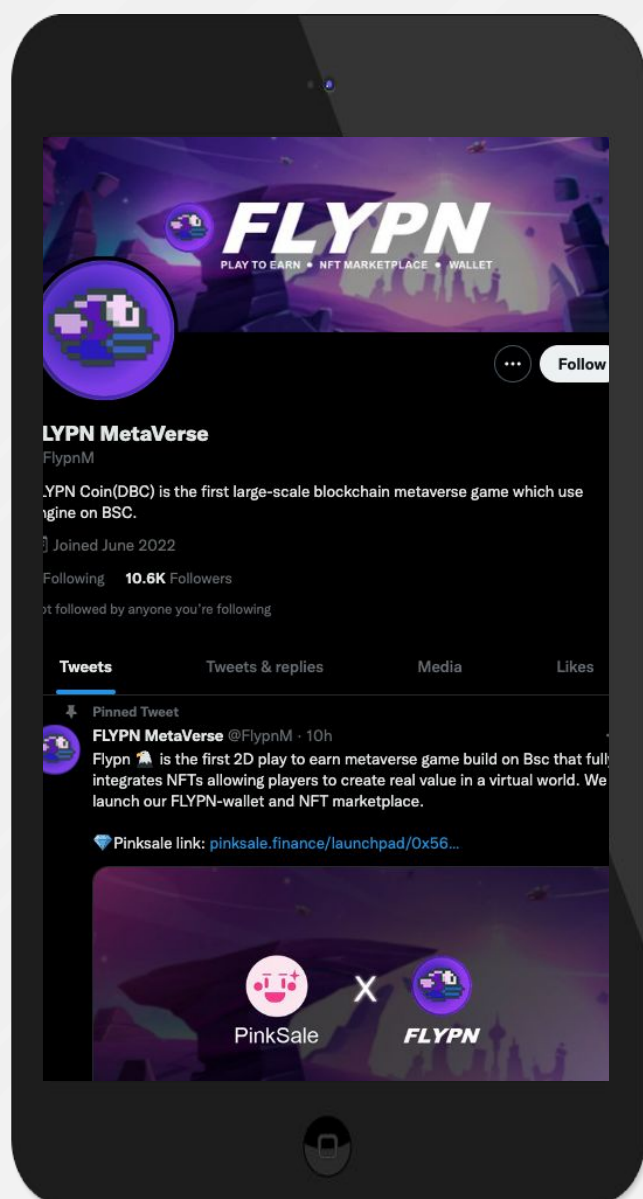


SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS

There are some red flags in the project's social media pages that investors should be aware of. Many followers may not be real users.



Twitter

<https://twitter.com/FlypnM>

- 10 700 followers
- Posts once every few days, 4 total posts. ⚠️



Discord

- Not available



Telegram

<https://t.me/FLYPNbsc>

- 25 695 members, similar messages, botted ⚠️
- Active mods



Medium

- Not available



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Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.